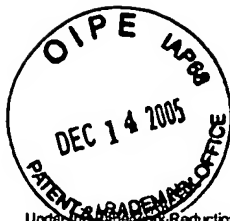


Form PTO-1449				ATTY DOCKET NO. 0465-1038P		APPLICATION NO. NEW 10/613,113			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				APPLICANT PARK, Yong Cheol et al.					
				FILING DATE July 7, 2003		GROUP UNASSIGNED ²⁶²⁷			
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
OK	US 4,774,700		1998-09-27	SATOH et al.	I	I			
	US 6,279,118		2001-08-21	KANG					
	US 6,314,235	B1	2001-11-06	GOTOH et al.					
	US 6,389,569	B1	2002-05-14	CHUNG et al.					
	US 6,160,778		2000-12-12	ITO et al.					
	US 6,377,524	B1	2002-04-23	KO					
	US 5,859,823		1999-01-12	YAMAMURO					
	US 5,818,654		1998-10-06	REDDY et al.					
	US 5,966,358		1999-10-12	MINE					
	US 6,094,317		2000-07-25	CHUNG					
OK	6,282,365	B1	2001-08-28	GOTOH et al.					
	US								
FOREIGN PATENT DOCUMENTS									
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION		
OK	WO	98/14938		2003-04-09	WO	I	I	YES	NO
	JP	07-057398		1995-03-03	JP			*	
	EP	0 383 298		1990-08-22	EUROPE				
	EP	0 559 468	A2	1998-09-08	EUROPE				
	EP	0 837 472	A2	1998-04-22	EUROPE				
OK	WO	97/07505		1997-02-27	WO			*	
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.									
EXAMINER <i>Thang V. Tran</i>					DATE CONSIDERED <i>2/20/06</i>				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

* Abstract only

JAK/PLS/asc



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/613,113-Conf. #4232
				Filing Date	July 7, 2003
				First Named Inventor	Yong Cheol PARK
				Art Unit	2652
				Examiner Name	W. R. Young
Sheet	1	of	1	Attorney Docket Number	0465-1038P

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
1/4	BA	JP-4-28061-A	01-30-1992			X

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

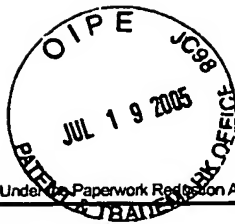
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Thang V. Tran	Date Considered	3/30/06
-----------------------	---------------	--------------------	---------

Birch, Stewart, Kolasch & Birch, LLP

EHC/ta



PTO/SB/08a/b (08-03)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/613,113-Conf. #4232
				Filing Date	July 7, 2003
				First Named Inventor	Yong Cheol PARK
				Art Unit	2652 2627
				Examiner Name	W. R. Young T. Tran
Sheet	1	of	1	Attorney Docket Number	0465-1038P

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JK	AA	US-5,237,553-A	08-17-1993	Fukushima et al.	
JK	AB	US-5,715,221-A	02-03-1998	Ito et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
JK	BA	EP-0 866 456-A1	09-23-1998	Matsushita Electronics Corporation		
JK	BB	GB-2 332 555-A	06-23-1999	Mitsubishi Denki Kabushiki Kaisha		
JK	BC	EP-0 798 710-A2	10-01-1997	Kabushiki Kaisha Toshiba		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Thang V. Tran	Date Considered	3/30/16
--------------------	---------------	-----------------	---------

Birch, Stewart, Kolasch & Birch, LLP

JTE/EHC/cdr